

FINDING OF NO SIGNIFICANT IMPACT

FOR

The Addition of Selenium to the
Feed of Ducks

The American Feed Manufacturer's Association (AFMA) of Arlington, Virginia has filed a Food Additive Petition (FAP 2186) for the addition of 0.1 ppm of selenium to the feed of ducks. The AFMA claims that selenium has been found to be an essential nutrient for most animals and most animal feeds in the U.S. are apparently deficient in this element.

The Bureau of Veterinary Medicine has carefully considered the potential environmental impact of this petition and has concluded that the action will not have a significant effect on the human environment and that an Environmental Impact Statement therefore will not be prepared. Allowing this petition providing for selenium supplementation for ducks will result in a minimal incremental increase in releases of selenium into the human environment.

An Environmental Impact Analysis Report (March 13, 1981) that examines the potential environmental impacts of allowing this petition has been prepared and is attached to this Finding of No Significant Impact. Previous environmental documents have already evaluated the potential impacts associated with allowing selenium supplementation of the diets of several other animal species grown for human food. These other publicly available environmental documents consist of 1) an Environmental Impact Analysis Report (July 26, 1972) and an Environmental Impact Statement (January 8, 1974) for selenium supplementation of the diets of chickens, turkeys, and swine; 2) an Environmental Impact Analysis Report (August 26, 1976), and three Environmental Assessment Reports (November 21, 1977, June 6, 1978, and November 20, 1978) for selenium supplementation of the diets of ruminants (sheep, beef cattle, and dairy cattle); and 3) an Environmental Assessment (April 24, 1981) for the addition of selenium to the feed of laying hens.

5-7-81

Date

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5-11-81

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5-7-81

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Attachment